
20X SSC

Catalog #: 351-003-101 500 ml
351-001-131 1000mL

Store at: 15°C to 30°C
Shipped at: ambient temperature

Description

Quality Biological's (QBI) SSC (20X) is prepared from Molecular Biology Grade sodium chloride (NaCl) and sodium citrate dihydrate using Quality Biological's Molecular Biology Grade (MBG) water. The pH is adjusted to 7.0 with hydrochloric acid (HCl). The final product is filtered through a 0.2 µm filter and sterilized.

Applications

The stock solution of SSC (20X) can be used to prepare DNA and RNA transfer buffers, DNA and RNA hybridization buffers and post-hybridization buffers and post-hybridization membrane washing buffers.

Quality Control*General*

The quality of a product is a combination of careful selection of raw materials, proper manufacturing procedures, and diligent monitoring of each step.

All QBI products for Molecular Biology are prepared according to standard published protocols^{1,2} or to formulations provided by customers.

Quality Control is used to determine whether each step in the manufacturing process has been properly carried out and the finished product meets or exceeds the standards established for it.

Product Specific Testing

SSC (20X) is routinely tested for the absence of DNase, RNase, and Protease activity.

The test results of individual lots of SSC (20X) are available on the QBI website.

All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.

References

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, a Laboratory Manual, 2nd Edition.*, Cold Spring Harbor Press
2. Ausubel, F.M. et al., eds. (1993) *Current Protocols in Molecular Biology*. Green Publishing Associates, Inc., in association with John Wiley & Sons, Inc.
3. Davis, L.G. Dibner, M.D. & Battey, J.F. (1986) *Basic Methods in Molecular Biology*. Elsevier Science Publishing Company, Inc.

Related Products

Sodium Dodecyl Sulfate 10% (w/v) (10% SDS)

Catalog #	351-032-721EA	100mL
	351-032-721	Pack of 4 x 10mL
	351-032-101	500mL

Sodium Dodecyl Sulfate 20% (w/v) (20% SDS)

Catalog #	351-066-721EA	100mL
	351-066-721	Pack of 4 x 10mL
	351-066-101	500mL

5X DNA Gel Loading Solution

Catalog #	351-028-661EA	10mL
	351-028-661	Pack of 5 x 10mL

10X Tris Acetate Buffer (10X TAE)

Catalog #	351-009-131	1000mL
	351-009-791	4 Liters

50X Tris Acetate Buffer (50X TAE)

Catalog #	351-008-131	1000mL
	351-008-131CS	10 x 1000mL
	351-008-491	4 Liters
	351-008-151	10 Liters

Related Products (continued)

10X Tris Borate EDTA Buffer (10X TBE)

Catalog #	351-001-131	1000mL
	351-001-131CS	10 x 1000mL
	351-001-491	4 Liters
	351-001-151	10 Liters

DNA Denaturing Solution

Catalog #	351-013-131	1000mL
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DEPC Treated Water

Catalog #	351-065-721EA	100mL
	351-068-721	Pack of 4 x 100mL
	351-068-131	1000mL
	351-068-131CS	10 x 1000mL
	351-068-491	4 Liters
	351-068-151	10 Liters
	351-068-161	20 Liters

Molecular Biology Grade Water

Catalog #	351-029-721EA	100mL
	351-029-721	Pack of 4 x 100mL
	351-029-101	500mL
	351-029-101CS	10 x 500mL
	351-029-131	1000mL
	351-029-131CS	10 x 1000mL
	351-029-491	4 Liters
	351-029-151	10 Liters
	351-068-161	20 Liters